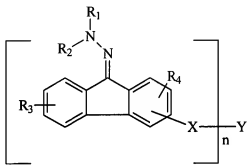
AMENDMENTS TO THE CLAIMS

A detailed listing of all claims that are, or were, in the present application, irrespective of whether the claim(s) remains under examination in the application are presented below. The claims are presented in ascending order and each includes one status identifier. Those claims not cancelled or withdrawn but amended by the current amendment utilize the following notations for amendment: 1. deleted matter is shown by strikethrough for six or more characters and double brackets for five or less characters; and 2. added matter is shown by underlining.

1. (Currently Amended) An organophotoreceptor comprising an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising:

(a) a charge transport material having the formula



where n is an integer between 2 and 6, inclusive;

R_1 is a phenyl group;

R_2 is an alkyl group or a phenyl group, with the proviso that neither R_1 nor R_2 is an alkylsulfonylphenyl group, a napthyl group, a stilbenyl group or a (9H-fluoren-9-ylinene)benzyl group;

R_3 and R_4 are, independently, H, halogen, carboxyl, hydroxyl, thiol, cyano, nitro, aldehyde group, ketone group, an ether group, an ester group, a carbonyl group, an alkyl group, an alkaryl group, or an aryl group;

X is a linking group having the formula $-(CH_2)_m-$, branched or linear, where m is an integer between 0 and 20, inclusive, and one or more of the methylene groups can be optionally replaced by O, S, C=O, O=S=O, a heterocyclic group, an aromatic group, urethane, urea, an ester group, a NR_5 group, a CHR_6 group, or a CR_7R_8 group where R_5, R_6, R_7, and R_8 are, independently, H, an alkyl group, an alkaryl group, a heterocyclic group, or an aryl group; and

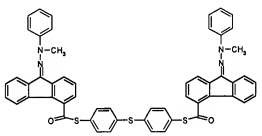
Y comprises a bond, C, N, O, S, a branched or linear $-(CH_2)_p-$ group where p is an integer between 0 and 10, an aromatic group, a cycloalkyl group, a heterocyclic group, or a NR_9 group where R_9 is hydrogen atom, an alkyl group, or aryl group, wherein Y has a structure selected to form n bonds with the corresponding X groups; and

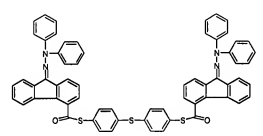
(b) a charge generating compound.

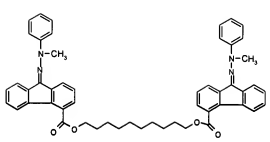
2. (Original) An organophotoreceptor according to claim 1 wherein Y is an aromatic group and X is -S-C(=O)-.

3. (Original) An organophotoreceptor according to claim 1 wherein Y is a bond, O, S, or CH_2 and X is $-(CH_2)_m-$ group where m is an integer between 0 and 20 and where at least one of the CH_2 groups is replaced by O, S, C=O, O=S=O, an ester group, a heterocyclic group, or an aromatic group.

4. (Previously Presented) An organophotoreceptor according to claim 1 wherein the charge transport material has a formula selected form the group consisting of the following:



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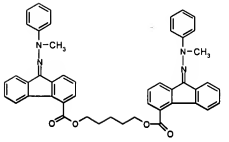
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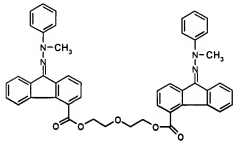
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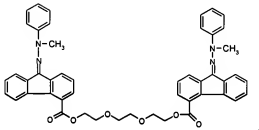
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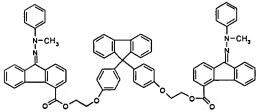
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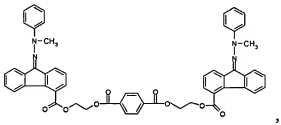
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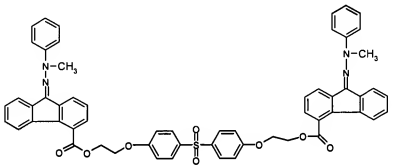
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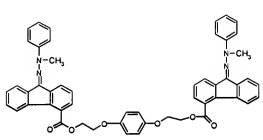

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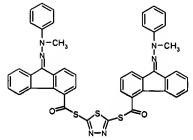

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5. (Original) An organophotoreceptor according to claim 1 wherein the photoconductive element further comprises a second charge transport material.

6. (Original) An organophotoreceptor according to claim 5 wherein the second charge transport material comprises a charge transport compound.

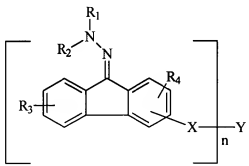
7. (Original) An organophotoreceptor according to claim 1 wherein the photoconductive element further comprises a binder.

8. (Currently Amended) An electrophotographic imaging apparatus comprising:

(a) a light imaging component; and

(b) an organophotoreceptor oriented to receive light from the light imaging component, the organophotoreceptor comprising an electrically conductive substrate and a photoconductive element on the electrically conductive substrate, the photoconductive element comprising

(i) a charge transport material having the formula



where n is an integer between 2 and 6, inclusive;

R_1 is a phenyl group;

R_2 is an alkyl group or a phenyl group, with the proviso that neither R_1 nor R_2 is an alkylsulfonylphenyl group, a napthyl group, a stilbenyl group or a (9H-fluoren-9-ylinene)benzyl group;

R_3 and R_4 are, independently, H, halogen, carboxyl, hydroxyl, thiol, cyano, nitro, aldehyde group, ketone group, an ether group, an ester group, a carbonyl group, an alkyl group, an alkaryl group, or an aryl group;

X is a linking group having the formula $-(CH_2)_m-$, branched or linear, where m is an integer between 0 and 20, inclusive, and one or more of the methylene groups can be optionally replaced by O, S, C=O, O=S=O, a heterocyclic group, an aromatic group, urethane, urea, an ester group, a NR_5 group, a CHR_6 group, or a CR_7R_8 group where R_5, R_6, R_7, and R_8 are, independently, H, an alkyl group, an alkaryl group, a heterocyclic group, or an aryl group; and

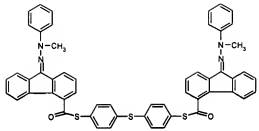
Y comprises a bond, C, N, O, S, a branched or linear $-(CH_2)_p-$ group where p is an integer between 0 and 10, an aromatic group, a cycloalkyl group, a heterocyclic group, or a NR_9 group where R_9 is hydrogen atom, an alkyl group, or aryl group, wherein Y has a structure selected to form n bonds with the corresponding X groups; and

(ii) a charge generating compound.

9. (Original) An electrophotographic imaging apparatus according to claim 8 wherein Y is an aromatic group and X is -S-C(=O)-.

10. (Original) An electrophotographic imaging apparatus according to claim 8 wherein Y is a bond, O, S, or CH_2 and X is $-(CH_2)_m-$ group where m is an integer between 0 and 20 and where at least one of the CH_2 groups is replaced by O, S, C=O, O=S=O, an ester group, a heterocyclic group, or an aromatic group.

11. (Previously Presented) An electrophotographic imaging apparatus according to claim 8, wherein the charge transport material has a formula selected form the group consisting of the following: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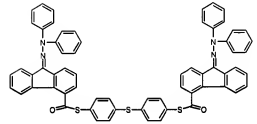
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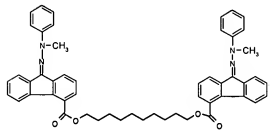
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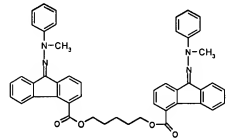
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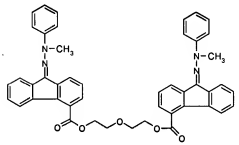
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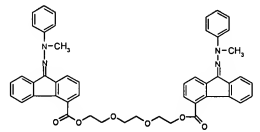
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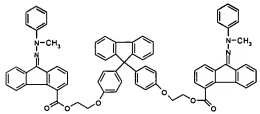
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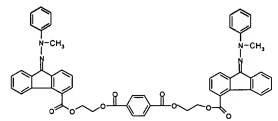
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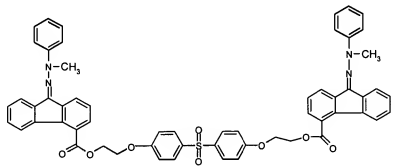
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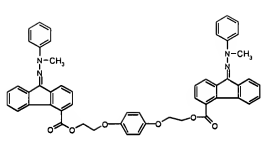

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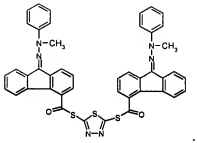

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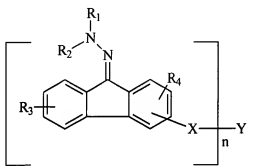
12. (Original) An electrophotographic imaging apparatus according to claim 8 wherein the photoconductive element further comprises a second charge transport material.

13. (Original) An electrophotographic imaging apparatus according to claim 12 wherein second charge transport material comprises a charge transport compound.

14. (Original) An electrophotographic imaging apparatus according to claim 8 further comprising a liquid toner dispenser.

15-22. (Canceled)

23. (Currently Amended) A charge transport material having the formula



where n is an integer between 2 and 6, inclusive;

R_1 is a phenyl group;

R_2 is an alkyl group or a phenyl group, with the proviso that neither R_1 nor R_2 is an alkylsulfonylphenyl group, a napthyl group, a stilbenyl group or a (9H-fluoren-9-ylinene)benzyl group;

R_3 and R_4 are, independently, H, halogen, carboxyl, hydroxyl, thiol, cyano, nitro, aldehyde group, ketone group, an ether group, an ester group, a carbonyl group, an alkyl group, an alkaryl group, or an aryl group;

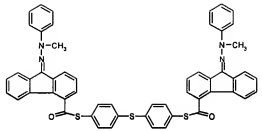
X is a linking group having the formula $-(CH_2)_m-$, branched or linear, where m is an integer between 0 and 20, inclusive, and one or more of the methylene groups can be optionally replaced by O, S, C=O, O=S=O, a heterocyclic group, an aromatic group, urethane, urea, an ester group, a NR_5 group, a CHR_6 group, or a CR_7R_8 group where R_5, R_6, R_7, and R_8 are, independently, H, an alkyl group, an alkaryl group, a heterocyclic group, or an aryl group; and

Y comprises a bond, C, N, O, S, a branched or linear $-(CH_2)_p-$ group where p is an integer between 0 and 10, an aromatic group, a cycloalkyl group, a heterocyclic group, or a NR_9 group where R_9 is hydrogen atom, an alkyl group, or aryl group, wherein Y has a structure selected to form n bonds with the corresponding X groups.

24. (Original) A charge transport material according to claim 23 wherein Y is an aromatic group and X is -S-C(=O)-.

25. (Original) A charge transport material according to claim 23 wherein Y is a bond, O, S, or CH_2 and X is $-(CH_2)_m-$ group where m is an integer between 0 and 20 and where at least one of the CH_2 groups is replaced by O, S, C=O, O=S=O, an ester group, a heterocyclic group, or an aromatic group.

26. (Previously Presented) A charge transport material according to claim 23 wherein the charge transport material has a formula selected from the group consisting of the following: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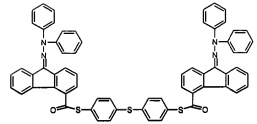
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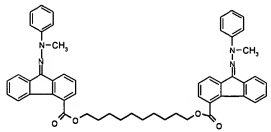
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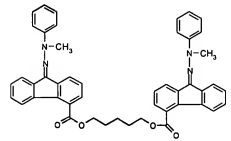
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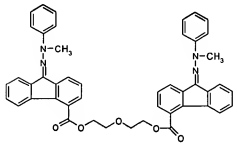
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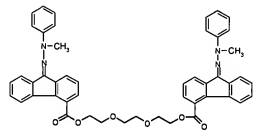
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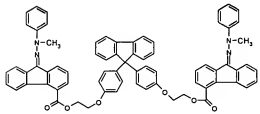
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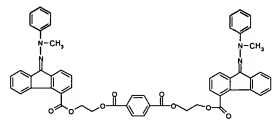
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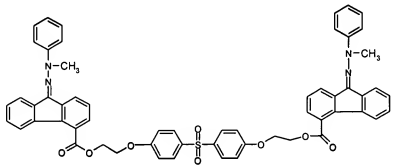
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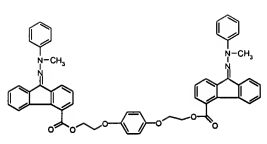

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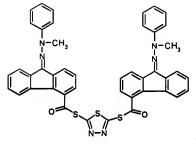

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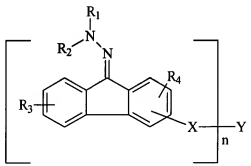
27. (Currently Amended) A charge transport material having the formula



where n is an integer between 2 and 6, inclusive;

R_1 and R_2 are, independently, an alkyl group, an alkaryl group, or an aryl group, with the proviso that neither R_1 nor R_2 is an alkylsulfonylphenyl group, a napthyl group, a stilbenyl group or a (9H-fluoren-9-ylinene)benzyl group;

~~R_2 is an alkyl group or a phenyl group;~~

R_3 and R_4 are, independently, H, halogen, carboxyl, hydroxyl, thiol, cyano, nitro, aldehyde group, ketone group, an ether group, an ester group, a carbonyl group, an alkyl group, an alkaryl group, or an aryl group; and

X or Y is an aromatic group or an ether.